

Title (en)

Method and apparatus for displaying and editing mathematical expressions in textbook format.

Title (de)

Verfahren und Vorrichtung zur Anzeigen und Edieren von mathematischen Ausdrücken in Lehrbuchsformat.

Title (fr)

Procédé et dispositif d'affichage et d'édition de formules mathématiques à format manuel.

Publication

EP 0440450 A2 19910807 (EN)

Application

EP 91300723 A 19910130

Priority

US 47268490 A 19900131

Abstract (en)

A calculator (10) programmed for displaying in textbook format a mathematical expression as it is entered (33). This format is the way the expression would appear if presented in a textbook or if written with pencil and paper. As a key is pressed, means display the associated object, such as an alpha character or mathematical symbol, on the display screen in textbook format. A cursor (36) is provided which responds to currently entered objects for indicating where the next object to be entered will be displayed. The means for displaying objects is also context sensitive. It responds to currently entered objects by controlling the display of the next object to maintain the textbook format of the expression. Other features include syntax checking (43) of the mathematical expression as its objects are being entered, and implicit entering and displaying (41) objects in response to entry of a predetermined patterns of objects. <IMAGE>

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G06F 15/02

IPC 8 full level

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CPC (source: EP US)

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EP 0440450 A2 19910807; **EP 0440450 A3 19911218**; **EP 0440450 B1 19961106**; DE 69122975 D1 19961212; DE 69122975 T2 19970306; JP H04252351 A 19920908; US 5067102 A 19911119

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